

Wherefore, I/we claim:

1. A packaging system comprising:

a transport container having a removable cover which is repeatedly removable and refastenable to the transport container, the transport container being sized to accommodate a plurality of individual premeasured charges of gunpowder;

each of the plurality of individual premeasured charges of gunpowder comprising a tube which is open at least one end thereof, the open end of the tube being sealed with a removable cap once a suitable quantity of the loose granular charge of gunpowder is loaded therein, and the gunpowder for each of the plurality of individual premeasured charges having a moisture content of less than 5.0% by weight to facilitate reliable ignition of the gunpowder, upon detonation of the firearm, and substantially complete ignition of all of the gunpowder.

2. The packaging system according to claim 1, wherein the removable cap is completely removable from the tube.

3. The packaging system according to claim 1, wherein the removable cap for the tube has a hinge integrally connected with the open end of the tube.

4. The packaging system according to claim 1, wherein the removable cap has a protruding latch to facilitate an end user gripping and removing the cap from its sealing engagement with the open end of the tube.

5. The packaging system according to claim 1, wherein the individual premeasured charges of gunpowder carries between 20 to 200 grains of gunpowder by weight.

6. The packaging system according to claim 1, wherein the tube has an inside diameter of between about 0.10 inches to about 2.0 inches.

7. The packaging system according to claim 1, wherein the tube has an axial length of between about 0.50 inches to about 7.50 inches.

8. The packaging system according to claim 1, wherein the removable cap is a pull tab to facilitate an end user gripping or removing the cap from its sealing engagement with the open end of the tube.

9. The packaging system according to claim 1, wherein the cap is a flip-top closure with a base affixed to the open end of the tube, the flip-top closure has a close position in which the flip-top closure provides a moisture tight seal with the

open end of the tube and an open position in which the flip-top closure is pivoted away from the open end of the tube to allow access and pouring of stored gunpowder.

10. The packaging system according to claim 1, wherein each the individual premeasured charge has both gunpowder and a projectile therein.

11. The packaging system according to claim 1, wherein the removable cap is a pull tab which has a recess, at a first end thereof, which is sized to mainly fit over and provide a moisture tight seal with the open end of the tube, and an opposite end of the pull tab extends away from the tube and forms a smaller diameter handle to facilitate grasping thereof by an end user so that the pull tab can be readily grasped and removed from its engagement with the open end of the tube to provide access to stored gun powder.

12. The packaging system according to claim 11, wherein the removable cap, once assembled with the tube, forms an exterior packaging which is at least one of water resistant, water proof, moisture proof, and air tight.

13. The packaging system according to claim 1, wherein the removable cap, once assembled with the tube, forms an exterior packaging which is at least one of water resistant, water proof, moisture proof, and air tight.

14. A transport container having a removable cover which is repeatedly removable and refastenable to the transport container, the transport container being sized to accommodate a plurality of individual premeasured charges of gunpowder, each plurality of individual premeasured charges of gunpowder comprising a tube which is open at least one end thereof, the open end of the tube being sealed with a removable cap once a suitable quantity of the loose granular charge of gunpowder is loaded therein, and each having a moisture content of less than 5.0% by weight to facilitate reliable ignition of the gunpowder, upon detonation of the firearm, and substantially complete ignition of all of the gunpowder;

the removable cap is completely removable from the tube to facilitate an end user removing the cap from its sealing engagement with the open end of the tube;

the individual premeasured charges of gunpowder carries between 20 to 200 grains of gunpowder by weight;

the tube has an inside diameter of between about 0.300 inches to about 0.650 inches and has an axial length of between about 0.50 inches to about 7.50 inches.

15. The packaging system according to claim 14, wherein the removable cap has a protruding latch to facilitate an end user removing the cap from its sealing engagement with the open end of the tube.

16. The packaging system according to claim 14, wherein the removable cap has a pull tab to facilitate an end user gripping or removing the cap from its sealing engagement with the open end of the tube.

17. The packaging system according to claim 14, wherein each the individual premeasured charge has both gunpowder and a projectile therein.

18. The packaging system according to claim 14, wherein the cap is a flip-top closure with a base affixed to the open end of the tube, the flip-top closure has a close position in which the flip-top closure provides a moisture tight seal with the open end of the tube and an open position in which the flip-top closure is pivoted away from the open end of the tube to allow access and pouring of stored gunpowder.

19. The packaging system according to claim 14, wherein the removable cap is a pull tab which has a recess, at a first end thereof, which is sized to mainly fit over and provide a moisture tight seal with the open end of the tube, and an opposite end of the pull tab extends away from the tube and forms a smaller diameter handle to facilitate grasping thereof by an end user so that the pull tab can be readily grasped and removed from its engagement with the open end of the tube to provide access to stored gun powder.

20. The packaging system according to claim 19, wherein the removable cap, once assembled with the tube, forms an exterior packaging which is at least one of water resistant, water proof, moisture proof, and air tight.

21. The packaging system according to claim 14, wherein the removable cap, once assembled with the tube, forms an exterior packaging which is at least one of water resistant, water proof, moisture proof, and air tight.

22. A method of packaging gunpowder with a reduced moisture content, the method comprising the steps of:

providing a transport container having a removable cover which is repeatedly removable and refastenable to the transport container, and sizing the transport container to accommodate a plurality of individual premeasured charges of gunpowder;

providing a plurality of individual premeasured charges of gunpowder with each of the plurality of individual premeasured charges of gunpowder comprising a tube which is open at least one end thereof;

drying the gunpowder to have a moisture content of less than 5.0% by weight to facilitate reliable ignition of the gunpowder, upon detonation of the firearm, and substantially complete ignition of all of the gunpowder prior to loading;

loading the gunpowder with a moisture content of less than 5.0% by weight within the tube; and

sealing the open end of the tube with a removable cap following loading of a suitable quantity of the loose granular charge of gunpowder therein to form one of the plurality of individual premeasured charges.

23. The method according to claim 22, further comprising the step of removing the removable cover from the transport container;

removing at least one desired individual premeasured charge from the transport container; and

placing the removable cover back on the transport container.

24. The packaging system according to claim 1, wherein at least one of the tubes of the individual premeasured charges is open at both opposed ends and a removable cap seals both open ends.